Electronically filed

| AMENDMENT UNDER | Attorney Docket | BERK-032 |
|--|----------------------|----------------------------|
| 37 C.F.R. §1.111 Address to: Mail Stop: Amendment P.O. Box 1450 Alexandria, VA 22313-1450 | Confirmation No. | 7712 |
| | First Named Inventor | KEASLING, JAY D. |
| | Application Number | 10/573,796 |
| | Filing Date | December 8, 2006 |
| | Group Art Unit | 1636 |
| | Examiner Name | Vogel, Nancy Treptow |
| | Title | "Methods for Identifying a |
| | | Biosynthetic Pathway Gene |
| | | Product" |

Sir:

This amendment is responsive to the Office Action dated June 23, 2010, for which a three-month period for response was given, making this response due on September 23, 2010. Accordingly, this response is timely filed.

In view of the remarks put forth below, reconsideration and allowance are respectfully requested.